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Express Mail Label No. EL918809328US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original and a duplicate for fee processing)
2. ☐ **Applicant claims small entity status.**
See 37 CFR 1.27.
3. ☒ **Specification** [Total Pages 9]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ **Drawing(s) (35 U.S.C. 113)** [Total Sheets 1]
5. **Oath or Declaration** [Total Pages 6]
- a. ☒ **Newly executed (original or copy)**
- b. ☐ **Copy from a prior application (37 CFR 1.63 (d))**
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ **Application Data Sheet. See 37 CFR 1.76**

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

9. ☒ Assignment Papers (cover sheet & document(s))

10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)

11. ☐ English Translation Document (if applicable)

12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.

17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: _____/_____

Prior application information:

Examiner

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label

or ☐ Correspondence address below

Name

Paul J. Farrell, Esq.

DILWORTH & BARRESE, LLP

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Name (Print/Type)

Paul J. Farrell, Esq.

Registration No. (Attorney/Agent)

33,494

Signature

Date _____

7/06/01

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL918809328US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: July 6, 2001

Barbara Evers

07/06/01
1c951 U.S. PTO

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 750.00

Complete if Known

Application Number
Filing Date Herewith
First Named Inventor JOSHI et al.
Examiner Name
Group Art Unit
Attorney Docket No. (YOR9-2001-0512 US1) 728-218

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number 50-0510/IBM (Yorktown Heights)
Deposit Account Name IBM (Yorktown Heights)
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ Payment Enclosed:
☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-------------------------------|-------------------------------|------------------------|----------|
| 101 710 | 201 355 | Utility filing fee | \$710.00 |
| 106 320 | 206 160 | Design filing fee | |
| 107 490 | 207 245 | Plant filing fee | |
| 108 710 | 208 355 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |

SUBTOTAL (1) (\$ 710.00

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 9 | -20** = 0 | 18 | \$0 |
| 1 | -3** = 0 | 80 | \$0 |
| Multiple Dependent | | 270 | 0 |

**or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-------------------------------|-------------------------------|--|----------|
| 103 18 | 203 9 | Claims in excess of 20 | |
| 102 80 | 202 40 | Independent claims in excess of 3 | |
| 104 270 | 204 135 | Multiple dependent claim, if not paid | |
| 109 80 | 209 40 | ** Reissue independent claims over original patent | |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$ 0.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-------------------------------|-------------------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 | 139 130 | Non-English specification | |
| 147 2,520 | 147 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | Extension for reply within first month | |
| 116 390 | 216 195 | Extension for reply within second month | |
| 117 890 | 217 445 | Extension for reply within third month | |
| 118 1,390 | 218 695 | Extension for reply within fourth month | |
| 128 1,890 | 228 945 | Extension for reply within fifth month | |
| 119 310 | 219 155 | Notice of Appeal | |
| 120 310 | 220 155 | Filing a brief in support of an appeal | |
| 121 270 | 221 135 | Request for oral hearing | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | Petition to revive - unavoidable | |
| 141 1,240 | 241 620 | Petition to revive - unintentional | |
| 142 1,240 | 242 620 | Utility issue fee (or reissue) | |
| 143 440 | 243 220 | Design issue fee | |
| 144 600 | 244 300 | Plant issue fee | |
| 122 130 | 122 130 | Petitions to the Commissioner | |
| 123 50 | 123 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 240 | 126 240 | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | \$40 |
| 146 710 | 246 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 710 | 249 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 710 | 279 355 | Request for Continued Examination (RCE) | |
| 169 900 | 169 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00

SUBMITTED BY

| Name (Print/Type) | Registration No. (Attorney/Agent) | Telephone |
|-----------------------|-----------------------------------|----------------|
| Paul J. Farrell, Esq. | 33,494 | (516) 228-8484 |
| Signature | Date | 7/06/01 |

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL918809328US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: July 6, 2001

Barbara Evers
Barbara Evers

Assistant Commissioner for Patents
Washington, D.C. 20231
Sir:

ATTORNEY DOCKET NO. 728- (YOR9-2001-0512 US1)

Date: July 6, 2001

Express Mail Label: EL 918809328 US

Date of Deposit: July 5, 2001

Transmitted herewith for filing is the Patent Application of:

Inventors: **RAJIV V. JOSHI and RUCHIR PURI**

For: **LOGIC OR CIRCUIT**

Enclosed are: ☒ 6 sheets of specification; ☒ 1 sheet(s) of Abstract;

☒ 2 sheet(s) of claims; ☒ 1 sheet(s) of drawing(s);

☒ An assignment of the invention to International Business Machines Corporation with Recordation Form.

☒ Declaration and Power of Attorney.

☐ A certified copy of a _____ application, from which priority under Title 35 USC §119 is claimed.

☒ Associate Power of Attorney.

☐ Information Disclosure Statement with copies of cited art and PTO-1449.

The filing fee has been calculated as shown below:

OTHER THAN A
SMALL ENTITY

| | (Col. 1) | (Col. 2) |
|--|-----------|-----------|
| FOR: | NO. FILED | NO. EXTRA |
| BASIC FEE | | |
| TOTAL CLAIMS | 9 -20 = | 0 |
| INDEP CLAIMS | 1 -3 = | 0 |
| MULTIPLE DEPENDENT CLAIMS PRESENTED | | |

| RATE | FEE |
|----------|-----------|
| | \$ 710.00 |
| X \$18 = | 0.00 |
| X \$80 = | 0.00 |
| + 270 = | |
| TOTAL | \$710.00 |

If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

☐ A check in the amount of \$ _____ to cover the ☐ filing fee(s) and a check to cover the ☐ recording fee are enclosed.

☒ Please charge my Deposit Account No. 50-0510 in the amount of \$750.00.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0510/IBM (Yorktown Heights). A duplicate copy of this sheet is enclosed.

☒ Any additional filing fees required under 37 CFR 1.16.

☒ Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By:

Paul J. Farrell
Paul J. Farrell, Esq.
Registration No. 33,494

Please address all
correspondence to:

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Attorney for:
IBM Corporation
Intellectual Property Law Dept.
P.O. Box 218
Yorktown Heights, NY 10598

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date July 6, 2001 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL 918809328 US addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C. 20231.

Barbara Evers
Barbara Evers

Atty. Docket No. YOR9-2001-0512US1 (728-218)

Assistant Commissioner for Patents
Washington, D.C. 20231
Attn: Box Patent Application

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Rajiv V. JOSHI and Ruchir PURI

For: **LOGIC OR CIRCUIT**

Enclosed are:

[X] 6 page(s) of specification

[X] 1 page(s) of Abstract

[X] 2 page(s) of claims

[X] 1 sheets of drawings ☐ formal ☒ informal

[X] 6 page(s) of Declaration and Power of Attorney

[X] 1 page(s) Associate Power of Attorney

[X] 4 page(s) Assignment of Invention and Recordation Cover Sheet

Assignee Name: International Business Machines Corporation
Assignee Resident: Armonk, New York

CERTIFICATION UNDER 37 C.F.R. § 1.10

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Barbara Evers
(Type or print name of person mailing paper)

Barbara Evers
(Signature of person mailing paper)

THE UNIVERSITY OF CHICAGO

FILING DATE

_____ / _____

Filed

□ is enclosed.

☒ Address all future correspondence to:

Paul Farnell

Paul J. Farrell, Esq.
Reg. No. 33,494
Attorneys for Applicant(s)

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